

Gates & Cooper LLP

Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, California 90045

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TO: Commissioner for Patents
Attn: SPE Dwayne Bost
Patent Examining Corps
Facsimile Center
Alexandria, VA 22313-1450

FROM: George H. Gates
OUR REF.: G&C 30566.57-US-RE
TELEPHONE: (310) 642-4146

#28

Total pages, including cover letter: 2

PTO FAX NUMBER: 703/746-5804

If you do NOT receive all of the pages, please telephone us at (310) 641-8797, or fax us at (310) 641-8798.

Title of Document Transmitted:	Reissue Application: Consent of Assignee; Statement of Non-Assignment with Certificate under 37 C.F.R. 3.73(b) and copy of assignments.
Patentee:	Brian D. Gantt
Patent No.:	5,572,639
Issued:	November 5, 1996
Title:	METHOD AND APPARATUS FOR INTERACTIVELY MANIPULATING AND DISPLAYING PRESUMPTIVE RELATIONSHIPS BETWEEN GRAPHIC OBJECTS
Our Ref. No.:	G&C 30566.57-US-RE

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP.

By: George H. Gates

Name: George H. Gates

Reg. No.: 33,500

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Isabel Ogata
Signature

Nov. 29, 2004
Date

GHG/io

G&C 30566.57-US-RE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: Brian D. Gann
Patent No.: 5,572,639
Issued: November 5, 1996
Title: METHOD AND APPARATUS FOR INTERACTIVELY MANIPULATING AND
DISPLAYING PRESUMPTIVE RELATIONSHIPS BETWEEN GRAPHIC OBJECTS

Examiner: SPE Dwayne Bost
Docket: G&C 30566.57-US-RE

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office on November 29, 2004.

By: GHG
Name: George H. Gates

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8.
- ☒ Reissue Application: Consent of Assignee; Statement of Non-Assignment and Certificate under 37 CFR 3.73(b) with copy of assignments.

Please consider this a **PETITION FOR EXTENSION OF TIME** for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP. A duplicate of this paper is enclosed.

Customer Number 22462
GATES & COOPER LLP
Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, CA 90045
(310) 641-8797

By: GHG
Name: George H. Gates
Reg. No.: 33,500
GHG/io

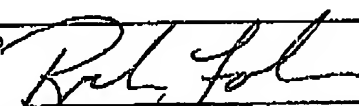
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PTO/SB/53 (04-04)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT		Docket Number (Optional) 30566.57-US-RE
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Brian D. Gantt		
Patent Number 5,572,639	Date Patent Issued November 5, 1996	
Title of Invention METHOD AND APPARATUS FOR INTERACTIVELY MANIPULATING AND DISPLAYING PRESUMPTIVE RELATIONSHIPS BETWEEN GRAPHIC OBJECTS		
<p>1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.</p> <p>One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".</p> <p>The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.</p>		
The assignee(s) owning an undivided interest in said original patent is/are <u>Autodesk, Inc.</u> and the assignee(s) consents to the accompanying application for reissue.		
Name of assignee/inventor (if not assigned) <u>Autodesk, Inc.</u>		
Signature 	Date 11/29/04	
Typed or printed name and title of person signing for assignee (if assigned) Rich Foehr Senior Corporate Counsel		

This collection of information is required by 37 CFR 1.172. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: Brian D. Gantt
Patent No.: 5,572,639
Issued: November 5, 1996 Docket: G&C 30566.57-US-RE
Title: METHOD AND APPARATUS FOR INTERACTIVELY MANIPULATING
AND DISPLAYING PRESUMPTIVE RELATIONSHIPS BETWEEN
GRAPHIC OBJECTS

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CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

AUTODESK, INC., a corporation organized and existing under the laws of the State of Delaware, having a place of business at 111 McInnis Parkway, San Rafael, California 94903, certifies that it is the assignee of the entire right, title, and interest in the patent identified above by virtue of:

A chain of title from the inventor(s) of the patent application to the current assignee as shown below:

From: Brian D. Gantt To: Reveille Systems, Inc.

The document was recorded in the U.S. Patent and Trademark Office at Reel , Frame , for which a copy thereof is attached.

From: Reveille System, Inc. To: Ashlar Incorporated

The document was recorded in the U.S. Patent and Trademark Office at Reel , Frame , for which a copy thereof is attached.

From: Ashlar Incorporated To: Autodesk, Inc.

The document was recorded in the U.S. Patent and Trademark Office at Reel , Frame , for which a copy thereof is attached.

Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, as the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 11/29/04

By: 
Name: Rich Foehr
Title: Senior Corporate Counsel

**ASSIGNMENT
GANTT/REVEILLE
GANTT PATENT**

WHEREAS, Brian D. Gantt (hereinafter "Assignor"), made certain new and useful inventions and improvements for which was filed an application for Letters Patent of the United States on May 8, 1995, which issued on November 5, 1996 as U.S. Patent No. 5,572,639, and which is entitled "Method And Apparatus For Interactively Manipulating And Displaying Presumptive Relationships."

AND WHEREAS, Reveille Systems, Inc., a corporation organized and existing under and by virtue of the laws of the State of Texas having an office and place of business at Austin, Texas (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, Assignor has sold, assigned, and transferred, and by these presents does sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and does hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, Assignor does hereby agree that he and his executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to Assignor relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore Assignor covenants and agrees with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by Assignor and that full right to convey the same as herein expressed is possessed by Assignor.

Date: 9/15/98

Signature: Brian D. Gantt
Name: Brian D. Gantt

**ASSIGNMENT
REVEILLE/ASHLAR
GANTT PATENT**

WHEREAS, Reveille Systems, Inc. (hereinafter "Assignor"), owns certain new and useful inventions and improvements for which was filed an application for Letters Patent of the United States on May 8, 1995, which issued on November 5, 1996 as U.S. Patent No. 5,572,639, which issued on November 5, 1996, and is entitled "Method And Apparatus For Interactively Manipulating And Displaying Presumptive Relationships."

AND WHEREAS, Ashlar Incorporated, a corporation organized and existing under and by virtue of the laws of the State of California having an office and place of business at Santa Clara, California (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, Assignor has sold, assigned, and transferred, and by these presents does sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and does hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, Assignor does hereby agree that it and its executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to Assignor relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore Assignor covenants and agrees with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by Assignor and that full right to convey the same as herein expressed is possessed by Assignor.

Date: 9/15/98

By: REVEILLE SYSTEMS, INC.

Signature: Brian Gantt

Title: PRESIDENT

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9/1/98

**ASSIGNMENT
ASHLAR/AUTODESK
GANTT PATENT**

WHEREAS, Ashlar Incorporated (hereinafter "Assignor"), owns certain new and useful inventions and improvements for which was filed an application for Letters Patent of the United States on May 8, 1995, which issued on November 5, 1996 as U.S. Patent No. 5,572,639, and which is entitled "Method And Apparatus For Interactively Manipulating And Displaying Presumptive Relationships."

AND WHEREAS, Autodesk, Inc., a corporation organized and existing under and by virtue of the laws of the State of California having an office and place of business at San Rafael, California (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, Assignor has sold, assigned, and transferred, and by these presents does sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and does hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, Assignor does hereby agree that it and its executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to Assignor relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things, at the request and expense of Assignee, which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore Assignor covenants and agrees with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by Assignor and that full right to convey the same as herein expressed is possessed by Assignor.

By: ASHLAR INCORPORATED

Date: SEPTEMBER 15, 1998

Signature: [Signature]

Title: PRESIDENT